



# COLLEGE OF VETERINARY MEDICINE AND BIOMEDICAL SCIENCES

## COLORADO STATE UNIVERSITY

### OUR HISTORY

Colorado State University's College of Veterinary Medicine and Biomedical Sciences was founded in 1907 as the College of Veterinary Medicine. The college has grown from a single veterinary program into a nationally top-ranked institution, broadening its mission to integrate biomedical sciences, public and environmental health, and translational research while empowering the next generation of scientists and veterinary professionals.

YEAR FOUNDED  
**1907**

NUMBER OF STUDENTS  
**2,131**

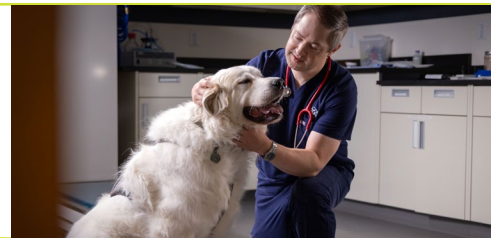
Fall Census 2024

SPONSORED PROJECT EXPENDITURES  
**\$113,313,743**

Fiscal Year 2025

### DEPARTMENTS

- Clinical Sciences
- Environmental and Radiological Health Sciences
- Biomedical Sciences
- Microbiology, Immunology, and Pathology



## #3

### VETERINARY PROGRAM

U.S. News and World Report, 2025

## #1

### VETERINARY RESEARCH FUNDING

Blue Ridge Institute for Veterinary Research, 2024

### WHAT WE'RE KNOWN FOR

**Top-ranked veterinary program:** CSU has been a leader in veterinary medical education for nearly 120 years, consistently recognized as a Top 3 program. It's also one of the most competitive programs in the country, with acceptance rates in single digits.

**Biomedical and translational research:** Research in the college transforms both animal and human health. Its initiatives have global and national impact in areas such as Alzheimer's disease, arboviruses, avian influenza, and tuberculosis.

**Animal care:** The Veterinary Health System delivers accessible, advanced veterinary care through more than 45,000 client visits each year. CSU's expertise spans more than 25 board-certified specialties, including the Flint Animal Cancer Center, one of the most highly respected in the world for diagnosing and treating cancer in companion animals.

**Interdisciplinary approach to public health:** Research in infectious disease, cancer, zoonotic disease, and other threats to public health improves the health of animals and people.

**Supporting communities through science and service:** The college leverages its expertise to solve urgent challenges and improve lives through public outreach efforts, such as providing critical COVID-19 diagnostic testing, tracking the spread of West Nile virus, and helping reintroduce bison to their native habitats.



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### KEY INITIATIVES

#### **Training veterinarians to meet tomorrow's needs:**

CSU is evolving its DVM curriculum to ensure graduates are day-1 ready and equipped to serve diverse communities and enhance access to care. The new Veterinary Health and Education Complex will open in 2026.

**Preparing the biomedical workforce:** CSU is aligning undergraduate programs with students' career goals, expanding professional master's and certification options to upskill the current workforce, and strengthening the partnership with University of Colorado School of Medicine's Fort Collins Regional Branch Campus.

#### **Advancing One Health and translational**

**research:** CSU researchers are driving innovations that improve the health of animals, people, and the environment through interdisciplinary collaboration, clinical research, and an emphasis on biomedical discovery.

#### **Positioning the Veterinary Health System as a**

**regional hub:** The System serves as the epicenter for routine and specialty care in Northern Colorado and beyond, combining clinical excellence, diagnostics, and education. The VHS is expanding access to expert care while training future veterinarians and advancing innovation through collaborative research.

### AREAS OF EXCELLENCE

**Infectious disease:** With a global reputation in vector-borne disease, prion disease, and tuberculosis research, CSU experts collaborate with the CDC, USDA, and industry leaders to address emerging infectious threats.

**Cancer:** Home to the world's largest group of veterinary cancer researchers, the Flint Animal Cancer Center pioneers treatments for cancers in pets and advances human cancer care through translational research.

**Musculoskeletal disease:** The Orthopedic Research Center leads international efforts in preventing and healing joint disease in horses, with expanding insights applied to humans due to shared joint structures.

**Reproductive science:** Experts drive innovation in fertility, pregnancy, and reproductive technologies that benefit domestic animals and humans.

**Environmental health:** The college investigates how chemical, biological, and physical environmental factors positively or negatively impact human health.

### RECENT HIGH-IMPACT RESEARCH

**Space biology:** Susan Bailey, radiation cancer biologist, is involved in many research projects looking at how spaceflight affects the human body. Her 2019 NASA Twins Study found that the length of an astronaut's telomeres, important to maintain in dividing cells and may be related to human aging, changed substantially during space flight and again upon return to Earth.

**Feline Infectious Peritonitis:** CSU scientists are pioneering new diagnostics and treatments for FIP, a once-fatal viral disease in cats. Their work has contributed to the development of new antiviral therapies available worldwide.

**Equine orthopedics:** The college has an international reputation in equine orthopedics through its Orthopedic Research Center and Translational Medicine Institute. Multiple research projects, including one looking at immune-targeted therapies, seek to improve outcomes for equine athletes and advance the understanding of musculoskeletal diseases affecting both humans and animals.